brother
at your side

All-In-One Monochrome Laser Printer

MFC-L6900DW

PRINT COPY SCAN FAX WIRELESS

BLI BUYERS LAB 2016 PICK

Outstanding MFP
for Mid-Size Workgroups

www.brother.com.au

All-In-One Monochrome Laser Printer

The all round networked performer is here

Key Features:

- Super-fast print speeds of up to 50 ppm
- Super-fast scan speeds of up to 100 ipm
- Combined paper input of 570 sheets
- Automatic 2-sided (duplex) printing
- High-yield replacement cartridges - Optional ultra high-yield 20,000[1] page toner cartridge
- Intuitive 12.3cm touchscreen LCD display
- High-speed wired (10Base-T/100 Base-TX/1000 Base-T) and wireless (IEEE 802.11b/g/n) network interfaces
- Integrated NFC Reader
- Wi-Fi Direct™

READERS' CHOICE PCMAG.COM 13 YEARS IN A ROW — RANKED #1 IN RELIABILITY & SATISFACTION 2021 brother — BUSINESS CHOICE PCMAG.COM 9 YEARS IN A ROW

Maximise Performance

- Significantly increase your workgroup productivity thanks to super-fast print and scan speeds of 50 ppm / 100 ipm
- Maximise performance with high-speed wired (10Base-T/100Base-TX/1000Base-T) and wireless (IEEE 802.11b/g/n) network interfaces
- Business users can easily print from and scan to mobile devices
- Streamline workflows and easily print with NFC technology
- The incredible easy to use 12.3cm touchscreen user interface allows users to customise their screens
- Improved productivity with scanning of up to 50 ppm and up to 100 ipm when scanning (duplex) 2-sided (Mono)

Complete Piece of Mind - Reliability

- New build technology gives complete reliability enabling you to print up to 10,000 pages per month
- 80-page Automatic Document Feeder (ADF) and high-speed scanning for seamless document management
- Outstanding paper handling options with a standard paper capacity of 570 expandable to 2,650

Exceptionally Low Running Costs

- Designed for demanding high volume print environments the MFC-L6900DW includes a 8,000[1] page high-yield toner cartridge and can take an optional 12,000[1] or 20,000[1] page toner cartridge to lower your running costs even further

Meeting Your IT Challenges

- Modern businesses demand the highest levels of security. With Secure Function Lock 3.0, Active directory connectivity and Internet Protocol Security (IPsec). Plus, the range features Print Archive, Secure Reset and Certificate Management and near field communication (NFC) functionality

General	
Technology	Electrophotographic Laser Printer
Laser Classification	Class 1 Laser Product (IEC60825-1:2007)
Processor	Cortex-A9 800MHz
Memory	1GB
Local Interface	Hi-Speed USB 2.0
Wired Network Interface	10Base-T/100Base-TX/1000Base-T
Colour Touchscreen	12.3cm Colour Touchscreen
Shortcuts	48
Print	
Print Speed Standard (A4)	Up to 50 ppm (pages per minute)
Print Speed 2-Sided (A4)	Up to 24 sides per minute (12 sheets per minute)
Resolution	Up to 1,200 x 1,200 dpi
Quiet Mode	A mode to reduce the printing noise by reducing the print speed to 25 ppm
Automatic 2-Sided Printing	Print on to both sides of the paper
FPOT (First Print Out Time)	Less than 7.5 seconds from ready mode
Warm Up Time	Less than 4.7 seconds from sleep mode
Print Languages	PCL6, BR-Script3 (PostScript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850 PDF version1.7, XPS version 1.0
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts, 13 barcodes
Embedded Fonts (Postscript)	66 scalable fonts
Embedded Barcodes (PCL)	Code39, Interleaved 2 of 5, FIM (US-PostNet), Post Net (US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN (EAN), ISBN (UPC-E), Code128 (set A, set B, set C), EAN128 (set A, set B, set C)

Printer Functions

N-up Printing[3]	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)
Poster Printing[4]	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing[4]	Watermark your documents with predefined text or with your own user-defined messages
ID Printing[4]	Add identification to your printed documents (date & time, short custom message or PC username)
Manual 2-Sided Print[4]	Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)
Booklet Printing[4]	Print documents in A5 booklet format using automatic or manual 2-sided print
Skip Blank Page[4]	Ignores any blank pages in your documents by not printing them
Print Profiles[3]	Store your favourite driver settings as profiles to easily recall them
Print Text In Black[4]	Converts all colour text in your documents to solid black when printed
Print Archive[4]	An electronic carbon copy feature that saves an electronic copy of all printed documents as a PDF file
Carbon Copy[4]	Prints additional copies of the same document to paper taken from additional paper trays

Printer Driver

Windows®	Windows 11®, Windows® 10 (32&64bit), Windows® 8/8.1 (32&64bit), Windows® 7 (32&64bit), Vista (32&64bit), XP Home, XP Professional (32&64bit), Windows® Server 2019, Windows® Server 2016, Windows® Server 2012/R2 (64bit), Windows® Server 2008 (32&64bit), Windows® Server 2008 R2, Windows® Server 2003 (32&64bit)
Macintosh[5]	Mac OS X 10.8.5 - 10.15, macOS 11[3]
Linux[5]	CUPS, LPD/LPRng (32 & 64 bit editions)
PostScript Universal Printer Driver	Driver for Windows® that enables you to print to any network or locally-connected Brother laser printer that supports PostScript
PCL Driver	Universal PCL5e generic driver

Mobile/Web Based Printing & Scanning

Brother iPrint&Scan (Android)	Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an Android device
Brother iPrint&Scan (iPad / iPhone / iPod)	Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an iPad / iPhone / iPod Touch
Brother iPrint&Scan (Windows® Phone)	Print from and scan to a smart phone running the Windows® Phone Operating System
Brother Print&Scan (Windows® 8 & RT)	Print from and scan to a Windows® 8 or Windows RT Tablet
AirPrint	Print most common file types from any AirPrint enabled application
Mopria	Print most common file types from Mopria supported Android devices
Android Print Service Plugin	Print from Android devices without a dedicated App
Evernote™[6]	Print from and scan to Evernote™ without using a PC
Box[6]	Print from and scan to Box without using a PC
Dropbox[6]	Print from and scan to Dropbox without using a PC
Google Drive™[6]	Print from and scan to Google Drive™ without using a PC
OneDrive[6]	Print from and scan to Microsoft® OneDrive without using a PC
OneNote[6]	Scan to Microsoft® OneNote without using a PC
Creative Centre[6]	Download and print Brother Creative Center content

USB Host

Direct Print	Print directly from a USB flash memory drive. The supported file formats include: PDF version1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother model), XPS version 1.0
USB Input Port	Rear USB port for use with an external card reader
Direct Scan	Scan directly to a USB flash memory drive. The supported file formats include: PDF, PDF/A, Secure PDF, Signed PDF, JPEG, XPS, TIFF

Scan

Scanner Type	Dual CIS (Contact Image Sensor)
Automatic 2-Sided Scan	Yes
Colour & Mono Scanning	Yes
Scan Speed Mono	50 ipm (images per minute)
2-Sided Scan Speed Mono	100 ipm (images per minute)
Scan Speed Colour	20 ipm (images per minute)
2-Sided Scan Speed Colour	34 ipm (images per minute)
Scan Resolution from ADF	Up to 600 x 600dpi
Scan Resolution from Scanner Glass	Up to 1,200 x 1,200dpi
Interpolated Scan Resolution	Up to 19,200 x 19,200dpi
Colour Depth	16,777,216 colour variations (24 bit)
Grey Scale	256 shades of grey (8 bit)
Standard Functions[9]	Scan to USB, E-mail, OCR, Image & File
Network Scanning	Scan to network folder (Windows® only), FTP, SFTP, Email Server, SharePoint (Local infrastructure only) & Easy Scan to Email[6]
Cloud Scanning[6]	Scan direct to Evernote™, Box, Dropbox, Google Drive™, OneDrive, OneNote
Scan Features	Remove Background, Skip Blank Page, ID Scan[4], 1 to 2 Scan[4], Auto Deskew from ADF, Split PDF
Scan To Microsoft Office[6]	Scan to Microsoft® Word, Microsoft® Excel & Microsoft® PowerPoint
Scan to Searchable PDF	Scan documents to searchable PDF files
Scan to Sharepoint (Local infrastructure only)	Scan documents directly into SharePoint
Windows® Web Services Scanning	Scan direct into Windows® (from Windows® 7 & onwards) without needing to install a scanner driver

Scanner Driver

Windows®	TWAIN, ISIS[5] & WIA Windows 11®, Windows® 10 (32 & 64 bit editions), Windows® 8 (32 & 64 bit editions), Windows® 7 (32 & 64 bit editions), Windows Vista® (32 & 64 bit editions), Windows® XP Professional (32 & 64 bit editions) Windows® XP Home (ISIS driver not supported by Windows XP)
Macintosh[5]	TWAIN & ICA OS X 10.8.5, 10.9.x, 10.10.x, 10.11.x
Linux[5]	SANE (32 & 64 bit editions)

Copy

Speed - (A4)	Up to 50 cpm (copies per minute)
Automatic 2-Sided Copy	Yes
FCOT (First Copy Time Out)	Less than 10.5 seconds from ready mode
Resolution	Up to 1,200 x 600dpi
Multi-Copying/Stack/Sort	Makes up to 99 copies of each page / Stacks or Sorts
Enlargement/Reduction Ratio	Reduce or Increase document sizes from 25% to 400% in 1% increments
N in 1 Copying	Allows the user to compress 2 or 4 pages on to a single A4 sheet
2in1 ID Copying	Allows the user to copy both sides of an ID card to a single A4 sheet
Grey Scale	256 shades of grey (8 bit)
Receipt Copying	Produces clearer copies of receipts
Enlarge Text Copy[6]	Makes reading copied documents easier if the size of the text on the original document is small

NFC Reader

Integrated NFC Reader	Supports both NFC cards (for secure authentication with pull print solutions like PaperCut) and Android NFC devices for mobile print and scan

Address Book

Speed Dials	300 locations for E-mail addresses and fax numbers
Group Dial	A combination of up to 20 groups can be stored for broadcasting
LDAP	The ability to connect to an external LDAP enabled address book, like Microsoft® Exchange

Network & Security

Wired Network	Built in Ethernet 10Base-T/100Base-TX/1000Base-T
Wireless Network	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)
Wi-Fi Direct™	Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)
Wireless Set-Up Support	Wi-Fi Protected Setup (WPS)
Wireless Applications	Vertical Pairing
Network Protocols	TCP/IP (IPv4 and IPv6)
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTP Client, LDAP, IMAP4
IPv6 (Off by Default)	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTP Client, LDAP, Web Services (Print/Scan), IMAP4
Wired Network Security	APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPsec, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
Wireless Network Security	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPsec, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
Print Log to Network[4]	Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network
E-mail Notifications	Automatically have the device send e-mail alerts when it requires attention, such as when the toner is low or needs replacing
E-mail Reports	Receive usage reports on a regular basis via e-mail
IP Filter	Restrict which network users can or cannot access the device over the network (IPv4 only)

Secure Function Lock 3.0	Restrict activity to individual or groups of users over a network. Can be used with PC User Login Name for up to 200 users
Active Directory Authentication	Retrieve stored print jobs & control access to the devices functionality by using credentials from Active Directory
LDAP Authentication	Retrieve stored print jobs & control access to the devices functionality using credentials from an LDAP supported database
Setting Lock	Secures access to the devices control panel by locking it
Secure Print[3]	Protect print jobs with a 4 digit release code required at the device in order for them to be printed

Fleet Management Tools

Unattended Installer[4]	Ability to centrally deploy and customise our drivers and software
MSI Installer[4]	Modular installers that can be distributed through Active Directory®
Embedded Web Server	Web based print management software embedded onto the device
BRAdmin Professional 4[4&5]	LAN/WAN management software
Driver Deployment Wizard[4]	Easily create print drivers for hassle free deployment over your network

Developers

Brother Solutions Interface (BSI)	Create powerful cloud and on premise solutions directly integrating the advanced print, scan and security capabilities of Brother scanners, printers and all in ones.

Standard Paper Handling

Paper Input[2]	Lower Tray - 520 sheets Multi Purpose Tray - 50 sheets Automatic Document Feeder (ADF) - 80 sheets
Paper Output[2]	Face Down - 250 sheets Face Up (Straight Paper Path) - 10 sheets

Optional Paper Handling

Paper Input[2]	250 sheet tray (LT-5505) 520 sheet tray (LT-6505) Maximum of 2 optional trays (LT-6505 & LT-5505 can be used together) or 4 x 520 sheet tower tray (TT-4000)

Media Specification

Media Types & Weights[8]	Standard & Optional Trays - plain, recycled, coloured and letterhead paper (between 60 - 120g/m²) Multi Purpose Tray - plain, recycled, bond, coloured and letterhead paper (between 60 - 200g/m²) Automatic Document Feeder (ADF) - plain & recycled paper (between 64 - 90g/m²) 2-sided Print - plain, recycled, coloured and letterhead paper (between 60 - 105g/m²)
Envelope & Label Printing	Yes, from the Multi Purpose Tray: support for 10 envelopes up to 10mm total thickness
Media Sizes	Standard Tray - A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal Optional Tray - A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal Multi Purpose (MP) Tray - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm Automatic Document Feeder (ADF) - Width: 105mm to 215.9mm x Length: 147.3mm to 355.6mm 2-sided Print - A4

Paper Input / Output Sensors

Input	Onscreen & optional email alerts notifying you when any of the paper input trays are nearly empty or empty
Output	Onscreen & optional email alerts notifying you when any of the paper output trays are full

Fax

Fax Modem	33,600bps (Super G3)
Automatic 2-Sided Faxing	Yes
Internet Fax (iFax)	Fax documents anywhere in the world over the Internet without the use of a telephone line
Fax to Server	Sends faxes to a server
PC Fax Send[9&3]	Send faxes directly from your PC
PC Fax Receive[9&4]	Receive faxes directly to your PC
Automatic Redial	Automatic redialling if the recipient fax is busy
Telephone Index	An electronic, alphabetical listing of stored speed dials and group numbers
Chain Dialling	Allows the user to store parts for long dialling sequences in different speed dial locations
Distinctive Ring Detection (Telstra Duet)	An external service that allows two or more telephone numbers shared on a single fixed line and use different ring tones
Speaker / Ring Volume	3 levels and off
Fax / Tel Switch	Automatic recognition of fax and telephone reception
Super Fine	Enables quality transmission of very small print and line drawings
Contrast	Auto / light / dark
Enhanced Remote Activate	Transfer a fax call, answered on an extension phone, to the fax machine
Delayed Timer	Up to 50
Quick-Scan	Approximately 2.5 seconds per page A4 standard resolution
Memory Transmission	Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Out of Paper Reception	Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Dual Access	Allows the operator to perform 2 different tasks on the machine at the same time
Broadcasting	Send the same fax message to up to 350 separate locations (manual 50 locations)
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call
Auto Reduction	When receiving a single page document longer than A4 (297mm) the fax machine will automatically reduce the message to fit onto a single A4 sheet
ECM (Error Correction Mode)	The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number
Remote Access	Allows users to remotely access their machine
Fax Retrieval	Allows remote access to faxes stored in the machine
Remote Maintenance	Allows users to maintain their MFC remotely
Remote Set-Up[3]	Allows users to set-up the MFC from their PC
Grey Scale	256 shades (8 bit) of grey are available for faxing
Fax Preview	Preview received faxes on the screen
Fax Stamp	Add the date and time to all received faxes
Cover Page	Create custom cover pages for outgoing faxes

Supplies

Inbox Toner	8,000 pages[1]
Standard Yield Toner	3,000 pages[1] (TN-3420)
High Yield Toner	8,000 pages[1] (TN-3440)
Super High Yield Toner	12,000 pages[1] (TN-3470)
Ultra High Yield Toner	20,000 pages[1] (TN-3490)
Drum (DR-3425)	50,000 pages at 3 pages per job 30,000 pages at 1 page per job
Lower Tray (LT-5505)	250 sheet optional paper input tray
Lower Tray (LT-6505)	520 sheet optional paper input tray
Tower Tray (TT-4000)	4 x 520 sheet optional paper input tower tray
Card Holder (CH-1000)	Card reader holder
Carton Contents	Toner cartridge, drum, power supply cord, fax line cord, driver software for Windows®, Quick Set-Up Guide (PC interface cable NOT included)

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media.

Environment

Power Consumption	Copying - 805W (390W in quiet mode), Ready - 34W, Sleep - 8W, Deep sleep - 1.6W, off - 0.04W
Sound Pressure Level	Printing - 54dbA, Quiet mode printing - 53dbA, Ready - Up to 35dbA
Sound Power Level	Printing - 6.73BA, Quiet mode printing - 7.65BA, Ready - Up to 4.8BA
Power Saving	This enables the printer to consume less energy when not in use
Toner Saving	This reduces the toner usage and helps to reduce the total cost of printer ownership

Dimensions & Weights

With Carton (WxDxH)	599 x 526 x 659mm 22.5 Kg
Without Carton (WxDxH)	495 x 427 x 518mm 17.2 Kg without consumables

Duty Cycles

Recommended Monthly	Up to 10,000 pages monthly print volume
Maximum Monthly[7]	Up to 150,000 pages monthly print volume

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1 Approx declared yield value in accordance with ISO/IEC19752.
2 Calculated with 80g/m² paper.
3 Windows® & Mac® only.
4 Windows® only.
5 Optional free download from the Brother Solutions Centre **http://support.brother.com**
6 Must be web connected.
7 Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements.
8 It is recommended to use the straight paper output path and the quiet mode feature with paper weights over 105g/m².
9 Requires Brother Software.

Working with you for a better environment
At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth. **www.brotherearth.com**